

Form PTO-1449 (modified)

Atty. Docket No.
UTSD:736US/MBWSerial No.
10/023,437

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant
Stephen A. Johnston, *et al.*Filing Date:
December 17, 2001Group:
1635U.S. Patent Documents
See Page 1Foreign Patent Documents
See Page 1Other Art
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Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
MF	C10	Kaltenbock <i>et al.</i> , "Genetically determined vigorous innate immunity is associated with protection against primary chlamydial lung infection in mice, but with profound disease exacerbation in reinfection," <i>In Chlamydial Infections: Proceedings of the 9th International Symposium on Human Chlamydial Infection</i> , E. A. R. Stephens, ed., 1998.
	C11	Kaltenbock <i>et al.</i> , "Evidence for numerous omp1 alleles of porcine <i>Chlamydia trachomatis</i> and novel chlamydial species obtained by PCR," <i>J. Clin. Microbiol.</i> , 35:1835-1841, 1997.
	C12	Kaltenboeck <i>et al.</i> , "Structures of and allelic diversity and relationships among the major outer membrane protein (ompA) genes of the four chlamydial species," <i>J Bacteriol.</i> , 175(2):487-502, 1993.
	C13	Longbottom <i>et al.</i> , "Identification of a multigene family coding for the 90 kDa proteins of the ovine abortion subtype of <i>Chlamydia psittaci</i> ," <i>FEMS Microbiology Letters</i> , 142:277-281, 1996.
	C14	Longbottom, <i>et al.</i> , "Molecular cloning and characterization of the genes coding for the highly immunogenic cluster of 90-kilodalton envelope proteins from the <i>Chlamydia psittaci</i> subtype that causes abortion in sheep," <i>Infect Immun.</i> , 66:1317-1324, 1998.
	C15	Manoutcharian <i>et al.</i> , "Protection against murine cysticercosis using cDNA expression library immunization," <i>Immunol. Lett.</i> , 62:131-136, 1998.
	C16	Meijer <i>et al.</i> "Genomic relatedness of <i>Chlamydia</i> isolates determined by amplified fragment length polymorphism analysis," <i>J. Bacteriology</i> , 181:4469-4475, 1999.
	C17	Morrison, <i>et al.</i> , "Gene knockout mice establish a primary protective role for major histocompatibility complex class II-restricted responses in <i>Chlamydia trachomatis</i> genital tract infection," <i>Infect. Immun.</i> , 63:4661-4668, 1995.
	C18	Piedrafita <i>et al.</i> , "Protective immune response induced by vaccination with an expression genomic library of <i>Leishmania major</i> ," <i>Journal of Immunology</i> , 163:1467-1472, 1998.
	C19	Rottenberg, <i>et al.</i> , "Role of innate and adaptive immunity in the outcome of primary infection with <i>Chlamydia pneumoniae</i> , as analyzed in genetically modified mice," <i>J. Immunol.</i> , 162:2829-2836, 1999.
	C20	Sanford, <i>et al.</i> , "An improved, helium-driven biolistic device," <i>Technique</i> , 3:3-16, 1991.
	C21	Smooker <i>et al.</i> , "Expression library immunization protects mice against a challenge with virulent rodent malaria," <i>Vaccine</i> , 18:2533-2540, 2000.

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,703,057	12/30/97	Johnston <i>et al.</i>	514	44	4/7/95

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
ms	C1	Alberti <i>et al.</i> , "Specific cellular and humoral immune response in Balb/c mice immunised with an expression genomic library of <i>Trypanosoma cruzi</i> ," <i>Vaccine</i> , 16(6):608-612, 1998.
	C2	Babiuk, "Broadening the approaches to developing more effective vaccines," <i>Vaccine</i> , 17:1587-1895, 1999.
	C3	Barry <i>et al.</i> , "Protection against mycoplasma infection using expression-library immunization," <i>Nature</i> , 377:632-635, 1995.
	C4	Brayton <i>et al.</i> , "Expression library immunization to identify protective antigens from <i>Cowdria ruminantium</i> ," <i>Ann. NY Acad. Sci.</i> , 849:369-371, 1998.
	C5	Ellis, "New technologies for making vaccines," <i>Vaccine</i> , 17:1596-1604, 1999.
	C6	Feltquate, <i>et al.</i> , "Different T helper cell types and antibody isotypes generated by saline and gene gun DNA immunization," <i>J Immunol</i> , 158:2278-2284, 1997.
	C7	Huang, <i>et al.</i> , "IL-12 administered during <i>Chlamydia psittaci</i> lung infection in mice confers immediate and long-term protection and reduces MIP-2 level and neutrophil infiltration in lung tissue," <i>J. Immunol.</i> , 162:2217-2226, 1999.
	C8	Johnston and Barry, "Genetic to genomic vaccination," <i>Vaccine</i> , 15(8):808-809, 1997.
	C9	Kalman <i>et al.</i> , "Comparative genomes of <i>Chlamydia pneumoniae</i> and <i>C. trachomatis</i> ," <i>Nature Genetics</i> , 21:385-389, 1999.

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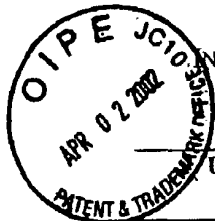
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MA	C22	Stephens <i>et al.</i> , "Genome sequence of an obligate intracellular pathogen of humans: <i>Chlamydia trachomatis</i> ," <i>Science</i> , 282:754-759, 1998.
	C23	Sykes and Johnston, "Genetic live vaccines mimic the antigenicity but not pathogenicity of live viruses," <i>DNA Cell. Biol.</i> , 18(7):521-531, 1999.
	C24	Tan, <i>et al.</i> , "Protection of sheep against <i>Chlamydia psittaci</i> infection with a subcellular vaccine containing the major outer membrane protein," <i>Infect Immun</i> , 58:3101-3108, 1990.
	C25	Tang <i>et al.</i> , "Genetic immunization is a simple method for eliciting an immune response," <i>Nature</i> , 356:152-154, 1992.
	C26	Ulmer and Liu, "ELI's coming: expression library and vaccine antigen discovery," <i>Comment Viewpoint</i> .
	C27	Vanrompay <i>et al.</i> , "Protection of turkeys against <i>Chlamydia psittaci</i> challenge by gene gun-based DNA immunizations," <i>Vaccine</i> , 17:2628-2635, 1999.
	C28	Vanrompay <i>et al.</i> , "Protection of turkeys against <i>Chlamydia psittaci</i> challenge by parenteral and mucosal inoculations and the effect of turkey interferon-gamma on genetic immunization," <i>Immunology</i> , 103:106-112, 2001.
	C29	Vanrompay <i>et al.</i> , "Turkeys are protected from infection with <i>Chlamydia psittaci</i> by plasmid DNA vaccination against the major outer membrane protein," <i>Clin. Exp. Immunol.</i> , 118:49-55, 1999.
	C30	Co-pending U.S. Patent Application Serial Number 09/738,269 by Stephen A. Johnston <i>et al.</i> , filed December 15, 2000.

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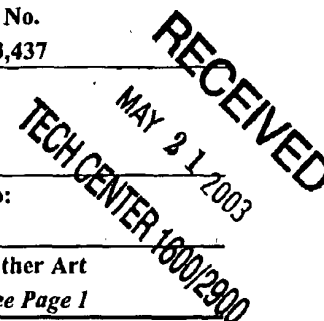
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✓	A2	5,212,062	5/18/93	Daniels <i>et al.</i>	435	7.36	9/6/91
✓	A3	5,989,553	11/23/99	Johnston <i>et al.</i>	424	190.1	12/30/97

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
✓	B1	WO 02/053588	7/11/02	PCT			
✓	B2	WO 99/53948	10/28/99	PCT			

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Exam. Init.	Ref. Des.	Citation
✓	C31	Kaltenboeck <i>et al.</i> , "Fully protective vaccine candidate genes of chlamydia psittaci identified by random expression library immunization," <i>FASEB J.</i> , 14:A1130, abstract # 146.6, 2000.
✓	C32	Kaltenboeck <i>et al.</i> , "Use of synthetic antigens improves detection by enzyme-linked immunoabsorbent assay of antibodies against abortigenic Chlamydia psittaci in ruminants," <i>J. Clin. Microbiol.</i> , 35:2293-2298, 1997.

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